

IN THE CLAIMS

This listing of the claim will replace all prior versions and listings of claim in the present application.

Listing of Claims

Claim 1 (canceled).

2. (previously presented) A receiver apparatus for a digital signal comprising:

a receiver which receives a plurality of programs with discrimination information and guide information regarding said programs,

wherein said programs are time-division multiplexed into a plurality of data packets and said guide information indicates the contents of said programs;

a selector which selects a program from said programs received by said receiver based on the discrimination information;

a data former which forms guide information regarding the selected program from the received guide information regarding said programs, the formed guide information indicating the contents of the selected program; and

an output device which outputs the selected program and the formed guide information in a plurality of data packets.

3. (previously presented) A receiver apparatus for a digital signal comprising:

a receiver which receives a plurality of programs with discrimination information and guide information regarding said programs,

wherein said programs are time-division multiplexed into a plurality of data packets and said guide information indicates the contents of said programs;

a selector which selects a program from said programs received by said receiver based on the discrimination information;

a data former which forms guide information regarding the selected program from the received guide information regarding said programs, the formed guide information indicating the contents of the selected program;

an output device which outputs the selected program and the formed guide information in a plurality of data packets to a recording/reproducing device;

an input device which inputs said selected program and said formed guide information reproduced by the recording/reproducing device; and

a decoder which decodes said selected program input by said input device based on said formed guide information input by said input device.

4. (previously presented) A receiver apparatus according to claim 2, wherein said formed guide information indicates at least a title of said selected program.

5. (previously presented) A receiver apparatus according to claim 3, wherein said formed guide information indicates at least a title of said selected program.

6. (previously presented) A receiver apparatus according to claim 4, wherein said formed guide information indicates an identification of packets of the selected program.

7. (previously presented) A receiver apparatus according to claim 5, wherein said formed guide information indicates an identification of packets of the selected program.

8. (previously presented) A receiver apparatus according to claim 2, wherein said formed guide information at least indicates a start time of the selected program.

9. (previously presented) A receiver apparatus according to claim 3, wherein said formed guide information indicates at least a start-time of the selected program.

10. (previously presented) A receiver apparatus according to claim 3, further comprising:

a display which displays said selected program decoded by said decoder.

11. (currently amended) A recorder apparatus for a digital signal comprising:

a receiver which receives a plurality of programs with discrimination information and guide information regarding said programs,

wherein said programs are time-division multiplexed into a plurality of data packets and said guide information indicates the contents of said programs;

a selector which selects a program from the plurality of programs received by said receiver based on the discrimination information;

a data former which forms guide information regarding the selected program from the received guide information regarding said programs, the formed guide information indicating the contents of the selected program; and

a recording/reproducing device which records said selected program and the formed guide information and reproduces said selected program and said formed guide information; and

a decoder which decodes said selected program reproduced by said recording/reproducing device based on said formed guide information reproduced by said recording/reproducing device.

12. (previously presented) A recorder apparatus according to claim 11, wherein said formed guide information indicates at least a title of said selected program.

13. (previously presented) A recorder apparatus according to claim 11, wherein said formed guide information indicates an identification of packets of a selected program.

14. (previously presented) A recorder apparatus according to claim 11, wherein said formed guide information indicates at least a start time of said selected program.

15. (previously presented) A recorder apparatus according to claim 11, further comprising:

a display which displays said selected program decoded by said decoder.

16. (new) A receiver apparatus comprising:

receiver means for receiving a plurality of programs transmitted in a form of a packet multiplexed on one carrier and first program guide information of said plurality of programs;

selecting means for selecting a desired program in accordance with said first program guide information;

deciphering means for deciphering a program selected by said selection means;

separating means for separating the program selected by said selecting means from said plurality of programs received by said receiver means;

program guide information editing means for editing said first program guide information into second program guide information regarding the program selected by said selecting means; and

output means for outputting the second program guide information edited by said program guide information editing means together with said program separated by said separating means,

wherein said program guide information editing means editing the first program guide information for each of said plurality of programs into said second program guide information,

wherein said first program guide information for each program including program discrimination information of the each program, packet discrimination information for a video signal in the each program, packet discrimination information of an audio signal in the each program and program start time information of the each program, and

wherein said edited second program guide information including program discrimination information of a program selected by said selecting means, packet discrimination information of a video signal in said selected program, packet discrimination information of an audio signal in said selected program and program start time information of said selected program.

17. (new) A receiver apparatus according to claim 16, wherein said packet discrimination information of the second program guide information is the same as the packet discrimination information of said first program guide information.

18. (new) A receiver apparatus according to claim 16, wherein said first program guide information and said second program guide information include title information of the program.

19. (new) A receiver apparatus according to claim 16, wherein said program guide information editing means converts table information included in said first program guide information into table information included in said second program guide information.